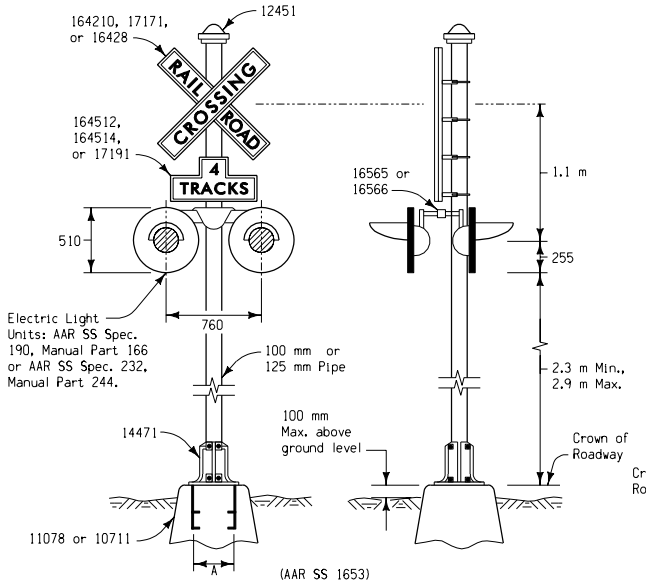
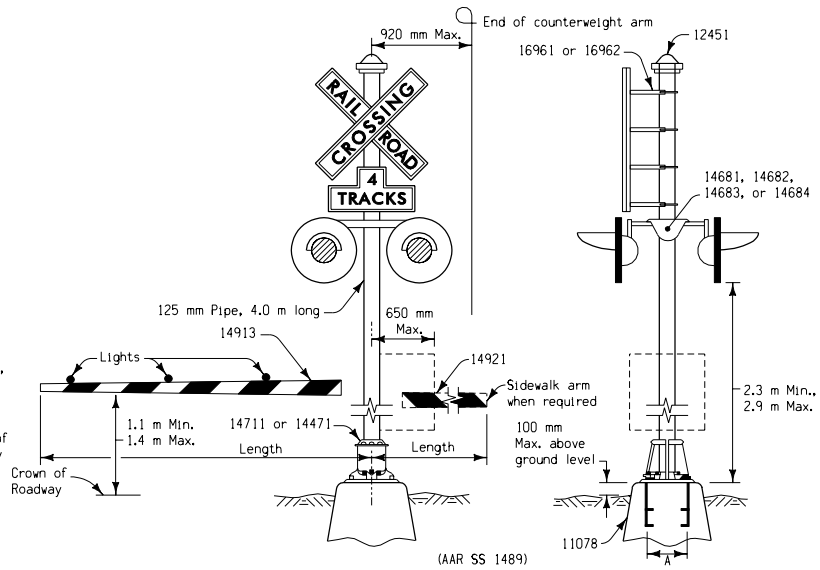


(AAR SS 1653)

TYPE 'A' FLASHING LIGHT SIGNAL

Note: For cantilever span assembly, use AAR SS Drawings 1686 or 1688.



(AAR SS 1489)

TYPE WITH SUSPENDED LIGHTS AND MAST MOUNTED GATE

TYPE 'D' FLASHING LIGHT SIGNAL WITH SHORT GATE ARMS

GENERAL NOTES:

Materials and methods of construction shall be in accordance with current Standard and Supplemental Specifications.

All drawings of signals are typical and variations in the mounting are permissible (see MUTCD).

Signals furnished under this plan for installation on Federal Grade Crossing projects are subject to the approval of the Federal Highway Administration.

Signals shall be the manufacturer's latest approved design.

Details and dimensions not shown on these plans shall conform with current AAR Signal Section recommended practice.

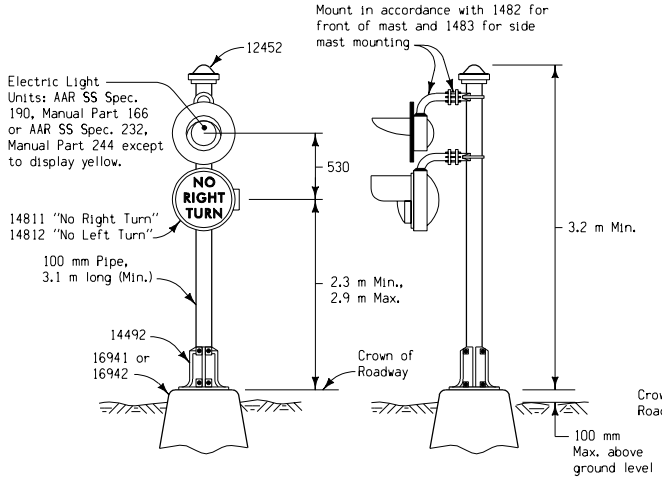
All types to be provided with bell when required.

Reference numbers are taken from AAR Signal Section Manual.

Minimum lateral clearance is 1.8 meters from the edge of the roadway shoulder but not less than 3.6 meters from the edge of the traveled way in rural areas, and 0.6 meters from the face of the curb in urban areas.

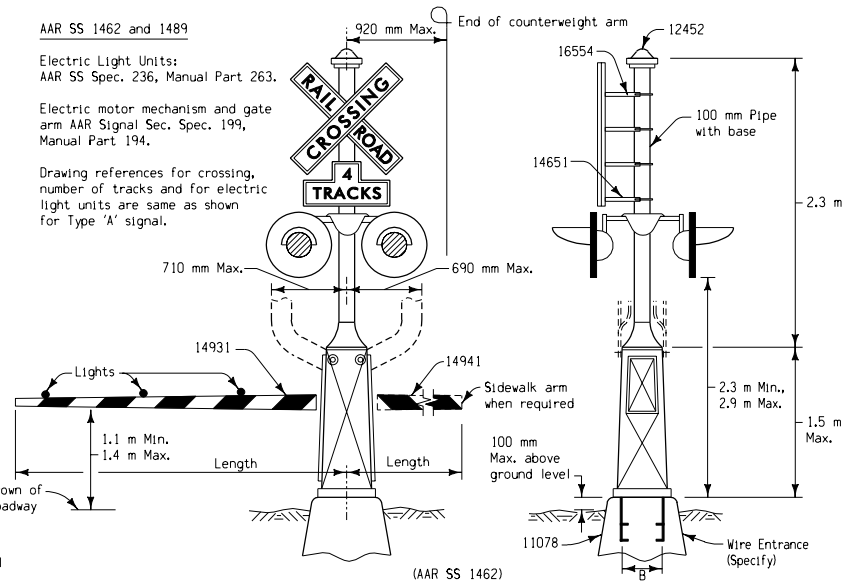
① Where there is no curb, a minimum horizontal clearance of 0.6 meters from edge of a paved or surfaced shoulder shall be provided with a minimum clearance of 1.8 meters from the edge of the traveled roadway. Where there is no curb or shoulder, the minimum horizontal clearance shall be 1.8 meters from the edge of the roadway.

All foundations shall be provided with cable chases of sufficient size to permit easy entrance of cables. Precast concrete bases of equal stability may be used as an alternate to the base shown.



(AAR SS 1488)

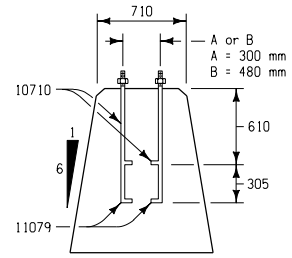
"NO RIGHT TURN" OR "NO LEFT TURN" SIGNAL ASSEMBLY



(AAR SS 1462)

TYPE WITH EXTENDED LIGHTS AND PEDESTAL MOUNTED GATE

TYPE 'D' FLASHING LIGHT SIGNAL WITH SHORT GATE ARMS



(AAR SS 1107)

CONCRETE BASE

(Approved alternate base design may be used) ①

All dimensions given in millimeters unless noted.

METRIC VERSION

M

Iowa Department of Transportation
Project Development Division

STANDARD ROAD PLAN **RD-7**

REVISION: Metric conversion of Standard Road Plan RD-7 no. 7 (dated 10-11-88).

REVISION NO. 7

David P. Ruth 03-14-97
APPROVED BY DESIGN METHODS ENGINEER

REVISION DATE 07-15-97

RAILROAD CROSSING SIGNALS
(General Plan)